



NOTE:

1. MATERIAL:

- 1.1 INSULATOR:LCP UL 94V-0
- 1.2 CONTACT:COPPER (5PIN:Brass, C2680
T=0.20/4PIN:Lintong C5191, T=0.25)
- 1.3 SHELL:BRASS(T=0.30/T=0.20)

2. ELECTRICAL CHARACTERISTICS:

- 2.1 CONTACT RESISTANCE:30mΩ MAXIMUM
- 2.2 CONTACT CURRENT RATING:1.5A
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE:500VR. M. S.
- 2.4 INSULATION RESISTANCE 1000 MEGOHMS MIN
- 2.5 OPERATING TEMPERATURE:-40° C ~ 85° C

3. MECHANICAL CHARACTERISTICS:

- 3.1 MATING FORCE:3.57kg MAX
- 3.2 UNMATED FORCE:1.02kg MIN INITIAL/0.82kg MIN

4. PLATING

TERMINAL:50u" MIN NICKEL ALL OVER 80u"MIN Tin ON SOLDER AREA(1~30)u"Au ON CONTACT AREA

4.2 SHELL:NICEL PLATED

- 5. "▼" FOR MAJOR DIM.
- 6. "⊗" FOR FAI DIM.
- 7. Products meet HALOGEN FREE
- 8. PART NO.

Pin #	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+	DIFFERENTIAL PAIR	
4	GND	GROUND FOR POWER RETURN	SECOND
5	SidA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	SidA_SSRX+	DIFFERENTIAL PAIR	
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	SidA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR	
9	SidA_SSTX+	DIFFERENTIAL PAIR	
Shell	Shield	CONNECTOR METAL SHELL	FRIST

2014/06/06	Jody		Structural changes		A1
2012/03/06	XIE		NEW DWG		A0
DATE	DR.BY	ECN.NO.	DESCRIPTION	MARK	VER.
-TOLERANCES- UNLESS OTHERWISE SPECIFIED			CnC Tech, LLC		
			TITLE: USB 3.0 BF DIP 90度 H=12.6		
X.X	± 0.25	X.X°	± 3.00°	APPD:	PRODUCT NO: 1003-024-02000
X.XX	± 0.20	X.XX°	± 1.00°	CHECK:	DATE SCALE UNIT TYPE PAGE
X.XXX	± 0.15	X.XXX°	± 0.500°	DRAW:	2012/04/06 1:1 mm Z 1 / 1